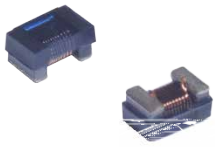
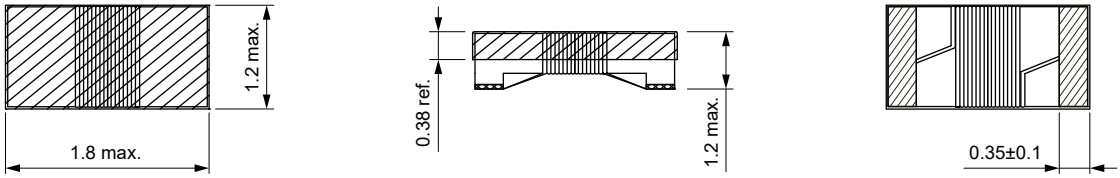
Wire Wound Inductor
Size 1608



- Ferrite core wire wound construc on
- High Reliability due to wire wound type construc on
- Small footprint as well as low profile
- Applica on for DC power line
- Lead-free reflow soldering as referenced in JEDEC J-STD 020D and RoHS compliant
- AEC-Q200 qualified
- Opera ng temperature-55~+125℃ (Including self - temperature rise)
- Quan ty: 3000 pcs

- Filtering of supply voltages, coupling, decoupling
- DC/DC converters, switch-mode power supplies
- Entertainment equipment: car naviga ons, car audios
- Body control equipment like wipers, power windows

Dimensions: [mm]



Electrical Properties:

Part No	Inductance	Tolerance	Test Frequency	Q Min.	Test Frequency	Temperature Rise Current Max.	DC Resistance Max.	SRF Min.
WIV1608-47NK	0.047	±10%	0.5V/7.96M	10	7.96	1400	0.075	1500
WIV1608-R10K	0.10	±10%	0.5V/7.96M	10	7.96	1400	0.13	1150
WIV1608-R12K	0.12	±10%	0.5V/7.96M	10	7.96	1400	0.15	1100
WIV1608-R15K	0.15	±10%	0.5V/7.96M	10	7.96	1300	0.15	1050
WIV1608-R18K	0.18	±10%	0.5V/7.96M	10	7.96	1300	0.15	950
WIV1608-R22K	0.22	±10%	0.5V/7.96M	10	7.96	950	0.15	800
WIV1608-R24K	0.24	±10%	0.5V/7.96M	10	7.96	620	0.31	800
WIV1608-R27K	0.27	±10%	0.5V/7.96M	10	7.96	710	0.20	775
WIV1608-R33K	0.33	±10%	0.5V/7.96M	10	7.96	620	0.35	725
WIV1608-R39K	0.39	±10%	0.5V/7.96M	10	7.96	600	0.39	620
WIV1608-R47K	0.47	±10%	0.5V/7.96M	10	7.96	570	0.43	540

Part No	Inductance	Tolerance	Test Frequency	Q Min.	Test Frequency	Temperature Rise Current Max.	DC Resistance Max.	SRF Min.
	0.56	±10%	0.5V/7.96M	10	7.96	550	0.47	525
	0.68	±10%	0.5V/7.96M	10	7.96	470	0.52	460
	0.82	±10%	0.5V/7.96M	10	7.96	400	0.69	410
	1.0	±10%	0.5V/7.96M	10	7.96	400	0.81	190
	1.2	±10%	0.5V/7.96M	10	7.96	370	0.87	160
	1.5	±10%	0.5V/7.96M	10	7.96	350	0.96	100
	1.8	±10%	0.5V/7.96M	10	7.96	350	1.10	80
	2.2	±10%	0.5V/7.96M	10	7.96	320	1.20	68
	3.3	±10%	0.5V/7.96M	10	7.96	280	1.50	42
	3.9	±10%	0.5V/7.96M	10	7.96	280	1.50	40
	4.7	±10%	0.5V/7.96M	10	7.96	260	2.10	34
	5.6	±10%	0.5V/7.96M	10	7.96	240	2.60	32
	6.8	±10%	0.5V/7.96M	10	7.96	200	3.10	31
	8.2	±10%	0.5V/7.96M	10		190	4.40	26
	10	±10%	0.5V/2.52M	10		180	4.80	25